

Wenqing Xu

List of Publications by Year in descending order

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papers

965
citations

623734

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839539

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19
docs citations

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times ranked

1227
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactivity of chloroacetamides toward sulfide–black carbon: Insights from structural analogues and dynamic NMR spectroscopy. <i>Science of the Total Environment</i> , 2022, 803, 150064.	8.0	3
2	Pyrogenic carbon-promoted haloacetic acid decarboxylation to trihalomethanes in drinking water. <i>Water Research</i> , 2022, 210, 117988.	11.3	2
3	Redox Properties of Pyrogenic Dissolved Organic Matter (pyDOM) from Biomass-Derived Chars. <i>Environmental Science & Technology</i> , 2021, 55, 11434-11444.	10.0	21
4	Mechanistic Investigation of Haloacetic Acid Reduction Using Carbon-Ti ₄ O ₇ Composite Reactive Electrochemical Membranes. <i>Environmental Science & Technology</i> , 2020, 54, 1982-1991.	10.0	37
5	Reactivity of Pyrogenic Carbonaceous Matter (PCM) in mediating environmental reactions: Current knowledge and future trends. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	6.0	10
6	Black carbon-enhanced transformation of dichloroacetamide safeners: Role of reduced sulfur species. <i>Science of the Total Environment</i> , 2020, 738, 139908.	8.0	17
7	Probing the Surface Reactivity of Pyrogenic Carbonaceous Material (PCM) through Synthesis of PCM-Like Conjugated Microporous Polymers. <i>Environmental Science & Technology</i> , 2019, 53, 7673-7682.	10.0	16
8	The synergistic interaction between sulfate-reducing bacteria and pyrogenic carbonaceous matter in DDT decay. <i>Chemosphere</i> , 2019, 233, 252-260.	8.2	6
9	Simultaneous Adsorption and Electrochemical Reduction of N-Nitrosodimethylamine Using Carbon-Ti ₄ O ₇ Composite Reactive Electrochemical Membranes. <i>Environmental Science & Technology</i> , 2019, 53, 928-937.	10.0	59
10	Surface-promoted hydrolysis of 2,4,6-trinitrotoluene and 2,4-dinitroanisole on pyrogenic carbonaceous matter. <i>Chemosphere</i> , 2018, 197, 603-610.	8.2	14
11	Impact of chitosan and polyacrylamide on formation of carbonaceous and nitrogenous disinfection by-products. <i>Chemosphere</i> , 2017, 178, 26-33.	8.2	14
12	Activity and Reactivity of Pyrogenic Carbonaceous Matter toward Organic Compounds. <i>Environmental Science & Technology</i> , 2017, 51, 8893-8908.	10.0	213
13	Black Carbon Facilitated Dechlorination of DDT and its Metabolites by Sulfide. <i>Environmental Science & Technology</i> , 2016, 50, 12976-12983.	10.0	48
14	Reduction of Nitroaromatics Sorbed to Black Carbon by Direct Reaction with Sorbed Sulfides. <i>Environmental Science & Technology</i> , 2015, 49, 3419-3426.	10.0	66
15	Superior adsorption capacity of hierarchical iron oxide@magnesium silicate magnetic nanorods for fast removal of organic pollutants from aqueous solution. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11691.	10.3	133
16	Role of Black Carbon Electrical Conductivity in Mediating Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) Transformation on Carbon Surfaces by Sulfides. <i>Environmental Science & Technology</i> , 2013, 47, 7129-7136.	10.0	155
17	Visible–Light Photocatalytic Degradation of Methylene Blue Using SnO ₂ /Fe ₂ O ₃ Hierarchical Nanoheterostructures. <i>ChemPlusChem</i> , 2013, 78, 192-199.	2.8	69
18	Black Carbon-Mediated Destruction of Nitroglycerin and RDX By Hydrogen Sulfide. <i>Environmental Science & Technology</i> , 2010, 44, 6409-6415.	10.0	82